

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20090026587"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 10:56
S3	138	6498112 6479110 4789648.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 10:59
S4	516	graded near3 dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 11:15
S5	260	S4 ("428".clas. or "257".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 11:15
S6	14953	(low adj k) near5 dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:21
S7	592	S6 (graded or grading)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:21
S8	8	S7 (rate near3 decrease)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:22
S9	268	((graded or grading) near5 (dielectric)) same (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:47
S10	76	S9 (silane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:49
S11	42	S10 (low adj k)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 13:57
S12	6	((graded or grading) near5 rate) same (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 14:24

S13	137	(decreas\$3 near5 rate) with (dielectric adj constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 14:36
S14	28	"6372661"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 16:49
S15	11	((graded or gradient) with (dielectric adj constant)) same (crack\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 17:11
S16	3	S14 (gradient or graded).detd.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 17:16
S17	3359	(dielectric adj constant) same (grad\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 17:18
S18	29	((dielectric adj constant) same (grad\$4)) with (stability or stable or cracking or mechanical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/13 17:19
S19	2940	438/769,680,658,954.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:13
S20	2406	(graded or gradient or grading) near5 dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:14
S21	15	S19 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:14
S22	140	6498112 6479110 4789648.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:27
S23	18	S20 S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:27
S24	5	("6147009"   "6251770"   "6525428"   "6570256"   "6974762").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 09:30
S25	532983	"257".clas. or "438".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:53

S26	647	S20 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:53
S27	22	S26 (difference near5 (dielectric adj constant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 09:53
S28	2	("20050233156"   "20060009044").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 09:57
S29	1037	428/610,547,FOR145.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 10:00
S30	0	S29 (difference near5 (dielectric adj constant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 10:00
S31	1	S20 S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 10:00
S32	1077	((dielectric adj constant) near5 (top or upper\$4)) same ((dielectric adj constant) near5 (bottom or lower\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 11:04
S33	25	S20 S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 11:04
S34	1	(10/239493).APP.	USPAT; USOCR	AND	ON	2009/07/14 11:06
S35	4194	(variable or varied or varies or vary) near5 (dielectric adj constant)	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 11:10
S36	272	S35 (low adj k)	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 11:10
S37	64	S35 (low adj k).ab.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 11:10
S38	39	(third near5 (gradient or graded)) with dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 13:59
S39	18	(third near3 (gradient or graded)) with dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:01

S40	39	(US-20090026587-\$ or US-20030153198-\$ or US-20020185711-\$ or US-20030032281-\$ or US-20030161959-\$ or US-20040161617-\$ or US-20030129826-\$ or US-20010055672-\$ or US-20010041250-\$ or US-20030003768-\$ or US-20050230831-\$ or US-20030048666-\$ or US-20040061236-\$ or US-20060220157-\$ or US-20030141499-\$ or US-20020074309-\$ or US-20020084257-\$ or US-20080224157-\$).did. or (US-6498112-\$ or US-6479110-\$ or US-4789648-\$ or US-6570256-\$ or US-7524528-\$ or US-6518200-\$ or US-6525428-\$ or US-6534395-\$ or US-6602779-\$ or US-7273823-\$ or US-6372661-\$ or US-7200460-\$ or US-6495208-\$ or US-7166544-\$ or US-7102232-\$ or US-6670022-\$ or US-7235502-\$ or US-6998636-\$ or US-6340435-\$ or US-6756674-\$).did. or (US-20020037442-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2009/07/14 14:32
S41	8	S40 (third adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:33
S42	15	(third adj layer) same ((graded or gradient or grading) near5 dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:34
S43	9695	((decreas\$3 or reduc\$3) near5 (dielectric adj constant)) same (layer or film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:41
S44	68	((decreas\$3 or reduc\$3) near5 (dielectric adj constant)) same ((graded or gradient or grading) near5 dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:41
S45	15	"5144391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:54
S46	3	S45 (low adj dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 14:56

S47	346	(second near5 graded) (third near5 graded)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 15:02
S48	28	S20 S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 15:02
S49	35	S38 ((second near5 (gradient or graded)) with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 15:12
S50	5	("6147009"   "6251770"   "6525428"   "6570256"   "6974762").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 15:57
S51	24	("6570256").URPN.	USPAT	AND	ON	2009/07/14 16:02
S52	14	("5885751"   "5904952"   "5945155"   "5981000"   "6054379"   "6059935"   "6072227"   "6087009"   "6090530"   "6340435"   "6346747"   "6362091"   "6407011"   "6429122").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 16:06
S53	1	S52 (gradient or graded)	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/14 16:19
S54	275	((second near5 (gradient or graded)) with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 16:27
S55	9	S54 (low adj dielectric).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 16:28
S56	137	((second near3 (gradient or graded)) with dielectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/14 16:29

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